



### Features:

- ◇ Display hold function standard
- ◇ 3½ digits with 0.56" Red or Green LED
- ◇ Window mount with optional bezel
- ◇ User selectable decimal points

### Specifications:

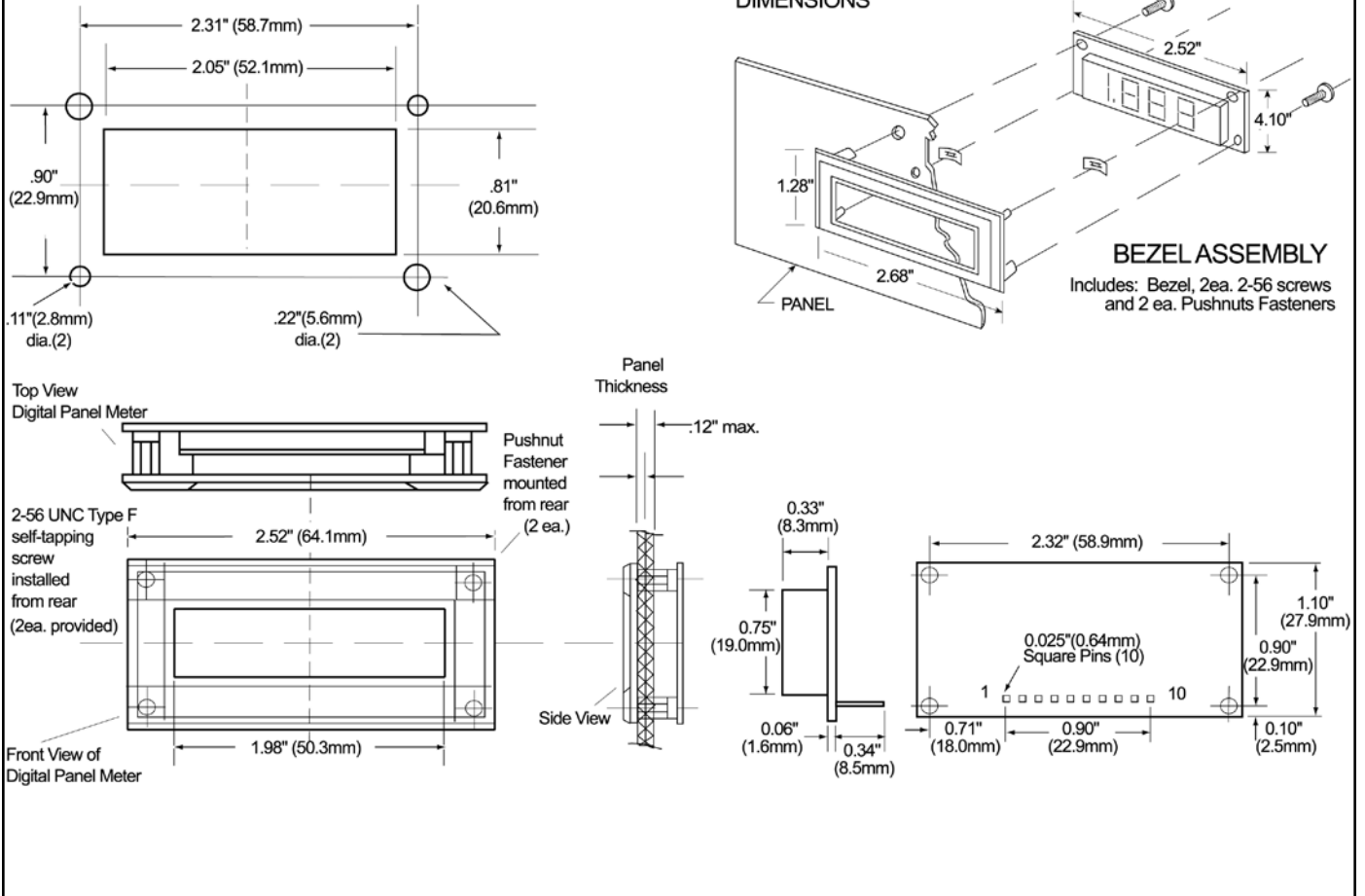
<b>Display:</b>	Digits:	3 ½ (±1999 count)
	Type:	7- segment LED (red or green)
	Digit Height:	.56 in (14.2 mm)
	Polarity Indication:	automatic "-" for neg input
	Decimal Point:	3 position selectable
	Overrange:	three lower order digits blank for inputs >1999 & < -1999
<b>Signal Inputs:</b>	Configuration:	bipolar, differential
	Full-Scale Input:	±200 mV, ±2 V, ±20 V
	Input Offset Adjustment:	auto zero
	Input Impedance:	>100 MΩ (±200 mV), -1 MΩ (other ranges)
	Common Mode Range:	±1 VDC
	Common Mode Rejection:	>86 dB
	Protection:	±350 VDC (±100 VDC for 200 mV range)
	Input Bias Current:	1 pA typical, 100 pA max
	Control Inputs:	decimal point select, hold, span adjust trimpot
	Sampling Rate:	3.3 readings / s
<b>Performance:</b>	Accuracy:	± (0.1% + 2 counts) typ ±(0.2% + 2 counts) max
	Warmup, typical:	10 min
	Temperature Drift, typical:	100 ppm / °C
<b>Power Supply:</b>	Supply Voltage:	+5 VDC ±5%
	Supply Current, typical:	200 mA
<b>Environmental:</b>	Operating Temperature:	0 to 50°C
	Storage Temperature:	-10 to 60°C
	Relative Humidity:	0 to 95% non-condensing
<b>Physical:</b>	Package Style:	window mount
	Dimensions:	2.52 x 1.10 x .73
	Panel Cutout:	2.05 x .81
	Weight:	0.7 oz (20 g)
	Connector:	J1C-10 or C10-5 optional
	Connection:	10 pin
Bezel:	optional	

### Ordering Information:

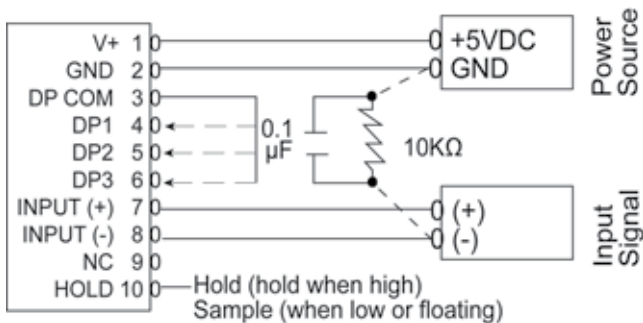
PART NUMBER	METER COLOR	METER POWER
DMO-35HR	RED	200mV DC
DMO-36HR	RED	2V DC
DMO-37HR	RED	20V DC
DMO-35G	GREEN	200mV DC
DMO-36G	GREEN	2VDC
DMO-37G	GREEN	20VDC

LED-B ..... Optional Bezel Mounting Kit  
 C10-5 ..... 5" - 10 Pin Connector / Wire Assembly  
 J1C10 ..... 12" - 10 Pin Connector / Wire Assembly  
 PW2-5 ..... Regulated 120V AC to 5V DC Power Supply

## Dimensions



## Wiring



Pin No.	Pin Name	Description
1	V+	+5V power supply
2	GND	Power supply ground
3	DP COM	Decimal point return
4	DP1	1XX.X (connect to DP COM to turn on)
5	DP2	1X.XX (connect to DP COM to turn on)
6	DP3	1.XXX (connect to DP COM to turn on)
7	INPUT(+)	Positive input signal
8	INPUT(-)	Negative input signal
9	NC	No connection required
10	HOLD	Hold last display